

## **ABSTRACT OF THE DISCLOSURE**

An electric circuit breaker (1) comprises a switch (11) to be arranged in said electrical circuit (3); means (13) for causing said switch (11) to break said electrical circuit (3) in response to a tripping signal (14); means (17) for receiving (IF) and storing (MEM) a programmable current threshold command (CC); means (15) for detecting a current level (CL) in said electrical circuit (3); and processing means (16) for generating said tripping signal (14) depending on said stored programmable current threshold command (CC) and said detected current level (CL).